

Curriculum Vitae

Stuart L. Warren
Professor and Head
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Education

Degree	Year	Institution	Major / minor
BS	1974	University of Illinois Urbana, Ill.	Forest Science
MS	1977	University of Illinois Urbana, Ill.	Forest Ecology / Soil Science
PhD	1986	NC State University	Horticultural Science / Soil Science

Professional Experience

Rank	Institution	Dates
Professor and Head	Kansas State Univ.	2007-present
Professor	N. C. State Univ.	1996-2007
Associate Professor	N. C. State Univ.	1991-1996
Assistant Professor	N. C. State Univ.	1987-1991
Researcher	N. C. State Univ.	1986-1987
Other:		
Research Assistant	N. C. State Univ.	1982-1986
Owner/Operator- Yard Works Landscaping	Fairfield, Ill.	1980-1982
Data Management Spec.	Univ. of Illinois	1977-1980
Research Assistant	Univ. of Illinois	1975-1977
National Consultant	Boulder, Colorado	1974-1975
Acacia Fraternity		

Departmental Assignments

1986 to 1988 (Located at the Mountain Hort. Crops Research and Extension Center, Fletcher, NC)

Research (100%): Groundcover management in field-grown nursery stock, weed management, water and nutrient management in containerized plant production, growth regulators, and woody plant physiology.

1989 to 1994 (Raleigh, NC)

Teaching (70%): HS 062 Landscape Maintenance, HS 301 Plant Propagation, HS 471 Tree and Grounds Maintenance

Research (30%): Water and nutrient management in containerized and field production of perennial landscape species, groundcover management, woody plant physiology, and growth regulators.

1994 to 1996

Extension (60%): Weed management specialist for nursery, landscape, and Christmas tree industries

Research (40%): Weed management, groundcover management, water and nutrient management in containerized and field production of perennial landscape species.

Teaching (0%): HS 062 Landscape Maintenance
HS 471 Tree and Grounds Maintenance

1997 to 2001

Teaching (40%): HS 062 Landscape Maintenance
HS 471 Tree and Grounds Maintenance

Research (40%): Emphasis on water and nutrient management in container-grown perennial landscape species.

Administrative (20%): Director of Graduate Programs

2001 to 2007

Teaching (50%): HS 062 Landscape Maintenance
HS 471 Tree and Grounds Maintenance

Research (50%): Emphasis on water and nutrient management in container-grown perennial landscape species.

2007 to present

Professor and Head of the Department of Horticulture, Forestry, and Recreation Resources, Kansas State University.

The department head provides leadership and administrative actions to:
Foster excellence in teaching, research, extension, and domestic and international service;

Promote quality instructions in undergraduate and graduate programs, including development of distance programs;

Actively involve faculty in the decision-making process, using appointed and elected committees when appropriate;
 Coordinate long-range strategic planning for the Department to further enhance strong, nationally-recognized programming;
 Provide leadership in planning and supervising programs relevant to the Department's mission within the land grant university system, manage departmental budgetary and financial matters, and assist in generating extramural support for departmental activities;
 Evaluate, counsel, and promote professional development of faculty, staff, and students;
 Communicate effectively with faculty, staff, students, university administrators, and stakeholders;
 Represent and promote the Department to urban, agricultural, and natural resource clientele; the college, university and state;
 Create an environment that fosters diversity, collegiality, teamwork, and ability to work in a multicultural setting;
 Continue the department head's professional development in administration, and research, teaching, and/or extension.

Scholarly and Professional Honors

Teacher of the Semester, College of Agriculture, Kansas State University (Fall, 2011)
 American Society of Horticultural Science Outstanding Undergraduate Educator (2005)
 Alumni Distinguished Undergraduate Professor (2004)
 Porter Henegar Memorial Award (2004, Presented by Southern Nursery Association in honor of outstanding contributions to ornamental horticulture research.)
 Study Leave, June 1 to November 30, 2004
 Who's Who in Agriculture Higher Education (2003)
 Invited opening speaker for the International Society of Horticulture Symposium on Growing Media. Malmo, Sweden, 2001
 Lifetime honorary membership in the NCSU Horticulture Club (2002)
 A Friend of the North Carolina Master Gardener Volunteer Association (2001)
 American Society of Horticultural Science Distinguished Achievement Award for Nursery Crops (2000)
 Research Friend of Extension (1999)
 Extension Division Educational Material Award from the ASHS for "Best Management Practices for Field Production of Nursery Stock" (1997)
 Study Leave, June 1 to November 30, 1996
 National Assoc. of Colleges and Teachers of Agriculture Teaching Fellow (1996)
 Editorial Board, Journal of Environmental Horticulture (1994 to 2007)
 Inducted into NC State University Academy of Outstanding Teachers (1992)
 Faculty Research and Professional Development Grant (1988)
 Krezdorn Award for Excellence in Doctoral Research, Southern Region/ASHS (1987)

Memberships in honorary societies and service to these societies

Gamma Sigma Delta (Honor Society of Agriculture)
 N. C. State Univ. Chapter
 President (1996-97)
 President Elect (1995-96)
 Historian (2003 - 2007)
 Chair, Undergraduate and Senior Awards Committee (1994-97, 1998-2002)
 Graduate Student Nomination Committee (2002-03, Chair 2003)
 Secretary (1992-94)
 Phi Kappa Phi (National Academic Honor Society)
 Pi Alpha Xi (Honor Society for Floriculture, Landscape Hort., and Ornamental Hort.)
 Iota Chapter ((N. C. State Univ.)
 President (1984-85)
 Treasurer (1983-84)
 Sigma Xi (The Scientific Research Society)
 Xi Sigma Pi (Honor Society of Forestry)

Memberships in professional societies and service to these societies

American Society for Horticultural Science
 Collegiate Activities Committee, (1989-93, Chair, 1993)
 Cross Commodity Publication Award Committee (1995-97)
 American Society for Horticultural Science/Southern Region
 Membership Committee (1989-91)
 Excellence in research award committee (2003-2005, Chair 2004-2005)
 International Society of Arboriculture (National and Southern Chapter)
 International Society of Horticulture
 Science Committee (2006 - present)
 National Association of Colleges and Teachers of Agriculture
 NACTA Teaching Recognition Committee (1997-present)
 North Carolina Association of Nurserymen (1986-2007)
 Southern Nurserymen's Association (1986-2007)
 Chair, Weed Control Section of the Annual Research Conference (1996-98)
 Turfgrass Council of N. C. (1989-2007)
 Weed Science Society of North Carolina (1994-1998)
 Undergraduate and Graduate Awards Committee (1995)

University service (NC State Univ.)

Agricultural Institute University Day Committee (1991)
 Agricultural Institute Curriculum Advisory Committee (1992-94, Chair 1993-94)
 Southern Regional Teaching Improvement Workshop (1993)
 ARS Strategic Planning Effort: Incorporating Res. into Education Experience (1994)
 Agricultural Chemical Policy Advisory Committee (1994-97)
 Crop Protection School Committee (1995-97)
 Turf and Landscape Field Day Committee (1990, 1994, 2003, 2006)
 Served on following College of Agriculture task forces

Waste Management
University service (NC State Univ.) cont'd
Integrated Pest Management
Fraser fir
College of Agriculture & Life Science Academic Computing Advisory Com., (1999-2007)
Study Abroad Office Scholarship Selection Committee (2001-2007)
Ad hoc Committee on Educational Opportunities (2004-2006)

Department of Horticultural Science Service (NCSU)
Advisory Committee (1990, 1994-2001, 2005 - 2007)
Director of Graduate Programs (1997-2001)
Graduate Affairs Committee (1990-94, 1997-2001)
Graduate Admissions Committee (1996-2001)
Horticulture Field Laboratory Committee (Chair, 1994-96; member 1999-2007)
Search Committee: Ornamentals Research Position (1989)
Weed Science Research Position (Chair, 1995)
Landscape design instructor (2002)
Extension nursery specialist (2005)
JC Raulson Arboretum Assistant Director (2007)
Undergraduate Teaching Programs Committee (1989-2007)

Instructional Contributions

Courses taught

1. HS 471-Tree and Grounds Maintenance (4 credits, every spring semester)
2. HS 301-Plant Propagation (4 credits, every fall semester, 1991-1993)
3. HS 062-Landscape Maintenance (Agricultural Institute, 2-year program, 3 credits, every fall semester)

Teaching Evaluations			
Course	No. students	Overall course rating ^z	Overall instructor rating ^z
HS 471			
2006	62	5.0	5.0
2005	69	4.91	4.93
2004	65	4.97	5.0
2003	60	4.96	5.0
2002	54	4.98	5.0
2001	51	4.89	4.98
HS 301			
1993	42	4.8	4.9
1992	40	4.5	4.9
1991	34	4.6	4.9
HS 062			
2006	77	4.87	4.89
2005	70	4.82	4.82
2004	study leave		
2003	62	4.93	4.93
2002	46	4.94	4.97
2001	61	4.87	4.91

^zRatings: 1 = poor, 2 = fair, 3 = good, 4 = very good, 5 = excellent

Instructional Development

1. Developed opportunities for advanced undergraduate students to serve as TAs in HS 471. Two undergraduates (volunteers, no pay) per semester serving at TAs since 2002.
2. Developed graphics and visuals for lectures in HS 062 and HS 471.
3. Incorporated writing and problem solving activities into all laboratory reports.
4. Each student is responsible for conducting, writing, and presenting the results of an independent research project. (HS 301)
5. All examinations are essay and designed so the student is required to apply knowledge/critical thinking skills acquired to specified problems or scenarios.
6. Questions have been developed for each course which requires the student to read current articles in research journals and trade publications. These questions and associated articles require the student to synthesis lecture material and laboratory material.
7. Developed laboratory manual for HS 062, HS 301, and HS 471.
8. Developed lecture manual for HS 062 and HS 471.

Advisory Activities

1. Undergraduate advisees
 - a. Undergraduate students ranged from 19 to 25 per year.
2. Graduate advising
 - a. Thesis directed: MHS (5), MS (15), PhD (7). Theses/dissertation titles are included in research contributions.
 - b. Currently serving as committee member for 2 MS students and 1 PhD.
 - c. Committee member: 26 graduate students.
3. Special projects with students
 - a. Coach (1990-2007) for team competing in the Professional Landcare Network (PLANET) Career Day Competition. This is a national competition consisting of 20-25 events. Fifty to 54 Universities/Colleges from across the nation have participated in the past five years. Coaches (in conjunction with Bryce Lane) assist the students in preparation for their respective events, fund raising, etc. The PLANET Team is responsible for raising funds to cover registration, travel, lodging, and meals which has ranged from \$12,000 to \$26,000 depending upon location and number of students on the team. Teams have ranged from 18 to 44 students. Team members serve on the begging (industry support), work (landscape design and installation, potting days for nurseries) or baking committees. For landscape design and installation jobs the Team members put the design and budget together and have to sale the plan to the client. All team members are expected to attend work days. PLANET Teams I through XVI have successfully raised enough money to cover all costs including meals. Team meetings are held on a weekly to biweekly basis throughout the academic year.
 - b. Coach (1989-95) in conjunction with Bryce Lane for team competing in the North Carolina Landscape Contractors Association Student Field Day Competition. Similar to the PLANET field days. This event was discontinued in 1996.
 - c. National tour guide (1990-2007) in conjunction with Bryce Lane: Plan and accompany students on 4 to 5 day field trips during fall break. Trips include visits to gardens, arboreta, nurseries, etc., located throughout the eastern United States.
 - d. Served as Horticulture Club advisor (1989-1991, 1999-2002).
 - e. International tour in conjunction with Bryce Lane (NCSU 1999-2008) and Cathie Lavis (KSU 2011-present): Plan and accompany students on trips to Australia, England, France, Italy, New Zealand, Scotland, or Wales. Countries visited vary by year. In 2011, we toured England and Wales.

Research Contributions

Publications (Listed at the end)

1. Career: Refereed journal articles (87), Research reports (96), Abstracts (20)

Research Project Record

1. Career: Competitive \$1,653,815; Industry \$168,663; Total \$1,822,478

Graduate Students Directed

MS (thesis) and MHS (non-thesis)

1. Starrett, M. C. 1992. Sexual propagation and micropagation of *Pieris floribunda* (Pursh ex Sims) Benth. and Hook. (mountain andromeda), and initial growth of seedlings of *Rhododendron maximum* L. (rosebay rhododendron) as influenced by day/night temperature. MS Thesis, N. C. State Univ., Raleigh.
Current: Associate Professor, Department of Horticulture, Univ. of Vermont
2. Tyler, H. H. 1992. Composted turkey litter: Effect on physical, chemical, and thermal properties of a pine bark substrate and plant growth. MS Thesis, N. C. State Univ., Raleigh.
Current: Assistant Professor, Department of Horticulture, NC State Univ.
3. Rowe, D. B. 1993. Seed germination as influenced by light and temperature and initial seedling growth in response to day/night temperatures of selected provenances of *Rhododendron catawbiense*. MS Thesis, N. C. State Univ., Raleigh.
Current: Professor, Department of Horticulture, Michigan State Univ.
4. Jull, L. G. 1994. Propagation of *Cryptomeria japonica* 'Yoshino' by stem cuttings and nitrogen nutrition of containerized 'Elegans Aurea' . MS Thesis, N. C. State Univ., Raleigh.
Current: Associate Professor, Department of Horticulture, Univ. of Wisconsin
5. Groves, K. M. 1995. Effect of irrigation volume, cyclic irrigation, and fertilizer on nutrient efficacy, water efficiency, and plant growth. MS Thesis, N. C. State Univ., Raleigh.
Current: County Extension Agent, NC Extension Service.
6. Pierce, G. L. 1996. Integrated pest management tactics for landscape management. MS Thesis, N. C. State Univ., Raleigh.
Current: County Extension Agent, NC Extension Service.

MS and MHS, continued.

7. Witt, J. D. 1998. Biorational plant protectants for controlling adult Japanese beetles. MS Thesis, N. C. State Univ., Raleigh.
Current: Director of Horticulture, UCLA Botanical Gardens.
8. Glenn, C.T. 1999. Influence of storage temperatures on long-term seed viability of selected native ericaceous species and secondary seed dormancy of *Rhododendron catawbiense* and *Rhododendron maximum*. MS Thesis, N. C. State Univ., Raleigh.
Current: Asst. Director, JC Raulston Arboretum, NC State Univ.
9. Dubois, J.-J. B. 1999. Propagation by root cuttings and nitrogen nutrition of *Anemone x hybrida*. MS Thesis, N. C. State Univ., Raleigh.
Current: Associate Professor, USDA, NC State Univ.
10. Lee, R. L. 2000. Effect of potting date and rate of fertilization on plant growth. MS Thesis, N. C. State Univ., Raleigh
Current: Instructor, Sandhills Community College, NC.
11. Holland B. 2002. Evaluating Cupressaceae taxa for tolerance to inundation at contrasting temperatures. MHS. N.C. State Univ., Raleigh
Current: Superintendent, Horticulture Field Lab, NC State Univ.
12. Cooke A. 2002. Use of poultry litter in field nursery production. MHS. N.C. State Univ., Raleigh.
Current: County Extension Agent, NC Extension Service.
13. Williamson, C. S. 2004. Timing of overhead irrigation affects substrate temperature and plant growth. MHS. N.C. State Univ. Raleigh.
Current: City Arborist, Columbia, SC.
14. Harrelson, T. E. 2005. Effect of age of pine bark on container-grown nursery crops. MHS. N.C. State Univ. Raleigh
Current: Nursery manager, Raleigh, NC.
15. Proctor, C. L. 2005. Effect of fertilizer nitrogen rate and time of application on growth and performance of six herbaceous perennials and soil solution nitrogen concentrations in a simulated landscape. MS. N. C. State Univ., Raleigh.
Current: Instructor, NC State Univ.

MS and MHS, continued.

16. Tillman, A. 2007. Nitrogen nutrition of containerized *Raphiolepis x delacourii* 'Snow White'. MHS. NC State Univ., Raleigh.
Current: Manager, Garden Center, Lexington, KY.
17. Norden, D.S. 2007. Development of protocols for containerized culture of seabeach amaranth (*Amaranthus pumilis*) and nitrogen nutrition of southern seaots (*Uniola paniculata*) grown in the float system. MS. N. C. State Univ. Raleigh.
Current: Research and development, Fafard, Inc., Columbia, SC.
18. Wooldrige, J.M. 2008. Propagation by stem cuttings and nitrogen nutrition of Eastern redbud (*Cercis Canadensis*). MS. N.C. State Univ. Raleigh.
Current: Instructor, Flagler College, St. Augustine, Florida.
19. Prehn, A. 2008. A gravimetric approach to real-time monitoring of substrate water in container-grown nursery crops. MS. N.C. State Univ. Raleigh.
Current: Pursuing PhD degree, University of California
20. Lowder, A. 2009. Day/night temperatures influence growth and photosynthesis during containerized production of selected species of *Helleborus* (Hellebores). MS. N.C. State Univ. Raleigh.
Current: Farm manager, Norwood, North Carolina.

PhD

1. Malek, A. A. 1991. Sexual propagation and culture of flame azalea [*Rhododendron calendulaceum* (Michx.) Torr] and mountain laurel (*Kalmia latifolia* L.). PhD Dissertation, N. C. State Univ., Raleigh.
Current: Professor, Department of Horticulture, Univ. of Malaysia.
2. Thetford, M. 1993. Effects of uniconazole on morphological, anatomical, and physiological development of *Forsythia xintermedia* 'Spectabilis'. PhD Dissertation, N. C. State Univ., Raleigh.
Current: Associate Professor, Department of Environmental Horticulture, Univ. of Florida.
3. Tyler, H. H. 1995. Irrigation and fertilization of containerized horticultural crop production. PhD Dissertation, N. C. State Univ., Raleigh.
Current: Assistant Professor, Department of Horticulture, NC State Univ.
4. Wright, A. N. 2002. The physiology of landscape establishment of *Kalmia latifolia*. PhD Dissertation, N. C. State Univ., Raleigh.

Current: Associate Professor, Department of Horticulture, Auburn Univ.

PhD, continued.

5. Lasseigne, F. T. 2003. Heat tolerance of salvia, taxus, and lilac. PhD Dissertation, N. C. State Univ., Raleigh.

Current: Executive Director, Oklahoma Centennial Botanical Garden, Tulsa, OK

6. Owen, J. S., Jr. 2006. Clay amended soilless substrate: Increasing water and nutrient efficiency in containerized crop production. N. C. State Univ., Raleigh.

Current: Assistant Professor, Department of Horticulture, Virginia Tech Univ.

7. McGinnis, M. S. 2007. Vermicompost amended pine bark substrate improves nursery crop production. N. C. State Univ., Raleigh.

Current: Agronomist, NC Department of Agriculture and Consumer Services, Agronomic Services Division, Plant/Waste/Solution Analysis, Raleigh, NC.

Research Awards to Undergraduate and Graduate Students Advised

1. Mark C. Starrett, 1992. Third Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association
Paper: Starrett, M. C., F. A. Blazich, J. R. Acedo, and S. L. Warren. 1992. Micropropagation of *Pieris floribunda*. Proc. SNA Res. Conf., 37th Annu. Rpt. p. 25-27.
2. Laura J. Jull. 1993. Second Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association
Paper: Jull, L. G., S. L. Warren, F. A. Blazich, and J. C. Raulston. 1993. Effects of growth stage, branch position, and IBA concentration on rooting stem cuttings of 'Yoshino' cryptomeria. Proc. SNA Res. Conf., 38th Annu. Rpt. p. 30-32.
3. Mack Thetford, 1993. Third Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association
Paper: Thetford, M., S. L. Warren, F. A. Blazich, and T. G. Ranney. Effects of uniconazole on photosynthesis, dark respiration, and water use efficiency of 'Spectabilis' forsythia. Proc. SNA Res. Conf., 38th Annu. Rpt. p. 27-29.
4. Laura J. Jull, 1993. First Place, Student Research Paper Competition of the Southern Region of the International Plant Propagators' Society
Paper: Jull, L. G., S. L. Warren, F. A. Blazich, and J. C. Raulston. 1993. Effects of growth stage, branch position, and IBA concentration on rooting stem cuttings of 'Yoshino' cryptomeria. Proc. Intl. Plant Prop. Soc. 43:404-407.

5. Helen H. Tyler, 1995. First Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association
Paper: Tyler, H. H., S. L. Warren, and T. E. Bilderback. 1995. Cyclic irrigation increases irrigation efficiency and ammonium efficacy. Proc. SNA Res. Conf., 40th Annu. Rpt. p. 59-61.
6. F. Todd Lasseigne, 1998. First Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates.
Paper: Lasseigne, F.T., S.L. Warren, F.A. Blazich, and T.G. Ranney. 1998. Heat tolerance in perennial salvias. Proc. SNA Res. Conf., 43rd Annu. Rept. p. 442-445.
7. Jean-Jacques B. Dubois, 1999. Second Place, Student Research Paper Competition of the Southern Region of the International Plant Propagators' Society
Paper: Dubois, J-J. B., F.A. Blazich, and S. L. Warren. 1999. Propagation of anemone x hybrida by root cuttings. Proc. Intl. Plant Prop. Soc.
8. Lee Ivy. 2000. First Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. MS candidates.
Paper: Ivy, R.L., T.E. Bilderback, and S. L. Warren. 2000. Potting date and rate of fertilization affects plant growth. Proc. SNA Res. Conf., 45th Annu. Rept. p. 27-29.
9. Amy Wright, 2001. Second Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates
Paper: Wright, A. N., S. L. Warren, and F.A. Blazich. 2001. Exposure and plant size affect landscape establishment of *Kalmia Latifolia*. Proc. SNA Res. Conf., 46th Annu. Rpt. p. 515-518.
10. Cindy Proctor, 2003. Second Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. MS candidates.
Paper: Proctor, C.L. and S.L. Warren. 2003. Influence of nitrogen rate and timing on nitrate leaching in a simulated landscape of herbaceous perennials. Proc. SNA Res. Conf. 48th Annu. Rpt. P. 35-39.
11. Jim Owen, 2003. Second Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates.
Paper: Owen J.S., Jr., Warren, S.L. and T.E. Bilderback. 2003. Clay amended pine bark influences irrigation volume and water buffering capacity. Proc. SNA Res. Conf. 48th Annu. Rpt. P. 20-23.
12. Jim Owen, 2004. First Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates.
Paper: Owen, J.S., S.L. Warren. 2004. Finding the balance: Calcined clay affects in pine bark substrates. Proc. SNA Res. Conf. 49th Annu. Rpt. P. 73-76.

Research Awards to Undergraduate and Graduate Students Advised, continued

13. Carroll Williamson, 2004. First Place. Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. MS candidates Paper: Williamson, C.S., Warren, S.L. and T.E. Bilderback. 2004. Timing of overhead irrigation affects growth and substrate temperature of container-grown plants. Proc. SNA Res. Conf. 49th Annu. Rpt. P. 77-80.
14. Michelle McGinnis, 2004. Third Place. Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates Paper: McGinnis, M.S., Warren, S.L. and T.E. Bilderback. 2004. Effect of vermicompost amended pine bark on basil production. Proc. SNA Res. Conf. 49th Annu. Rpt. P. 120-123.
15. Michelle McGinnis, 2004. Awarded an EPA Science to Achieve Results (STAR) Fellow. This fellowship provided stipend and research budget for three years (\$90,000).
16. James Owen, 2004. Awarded an NC Beautiful Fellowship. This fellowship provided a \$10,000 research budget for one year.
17. James Owen, 2004. Second Place, Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates. Paper: Reducing water and nutrient inputs to clay amended substrates: How low can we go? Proc. SNA Res. Conf. 50: 99-102.
18. Daniel Norden, 2005. Second Place. Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. MS candidates Paper: Seed Germination of Seabeach Amaranth (*Amaranthus pumilus*) in Response to Temperature, Light, and Gibberellin A₃ Treatments. Proc. SNA Res. Conf. 50.
19. F. Todd Lasseigne. 2005 recipient of the Excellence in Doctoral Research and Writing Award. This award is given by the Southern Region ASHS.
20. Kristen Walton. First Place, 2006 Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. Undergraduates. Paper: Finding the P rate and N:P ratio for maximum growth of container-grown herbaceous perennials.
21. Michelle McGinnis, 2006. Third Place, 2006 Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. PhD candidates. Paper: Nutrient release kinetics of vermicompost amended pine bark.

Research Awards to Undergraduate and Graduate Students Advised, continued

22. Daniel Norden, 2006. First Place. Bryson L. James Student Research Paper Competition of the Southern Nurserymen's Association. MS candidates Paper: Nitrogen nutrition of southern seaots (*Uniola paniculata*) grown in the float system.

International Activities

1. 1996 Study leave: visited researchers, gardens, and arboreta in Austria, England, France, Germany, Netherlands, Scotland, Switzerland, and Wales.
2. Attended and made research presentations at the International Symposium on Growing Media in 1996 (Germany), 1997 (Canada), 1999 (Greece), 2001 (Sweden), France (2005), and England (2007). Invited speaker for 2001 and 2007 meetings in Sweden and England, respectively.
3. Planned and guided undergraduates on yearly trips to Australia, England, France, Italy, New Zealand, Scotland, or Wales. (1999 to present)
4. 2004 Study leave: visited researchers, gardens, and arboreta in Australia, France Italy, New Zealand, and Spain.

Extension and Public Service Contributions

Publications (Available upon request)

1. Career: articles (11), Popular and miscellaneous (24)
2. Developed programs to promote weed management in landscapes, nurseries, and Christmas trees (1994-96).
 - a. Primary focus was weed biology and management.

Stuart L. Warren

Note: Publications in **bold** involve undergraduate or graduate student authorship.

A. Refereed Articles

1. Warren, S. L. and G. L. Rolfe. 1978. Microenvironmental conditions under old field and pine cover in southern Illinois: Soil moisture. Univ. Of Ill. Agr. Expt. Sta., For. Res. Rpt. 78-3.
2. Warren, S. L. and G. L. Rolfe. 1978. Microenvironmental conditions under old field and pine cover in southern Illinois: Air and soil temperature. Univ. Of Ill. Agr. Expt. Sta., For. Res. Rpt. 78-10.
3. Warren, S. L., W. A. Skroch, K. B. Perry, and T. J. Monaco. 1987. Vegetation management: Its influence on survival and early growth of Fraser fir and Norway spruce. J. Amer. Soc. Hort. Sci. 112(5):955-962.
4. Warren, S. L., T. J. Monaco, and W. A. Skroch. 1987. Effect of vegetation management on soil nutrients and nutrient content of herbaceous vegetation. J. Amer. Soc. Hort. Sci. 112(5):962-968.
5. Warren, S. L., W. A. Skroch, and L. E. Hinesley. 1987. Effect of root competition and nitrogen on growth and mineral content of *Abies fraseri*. Can. J. For. Res. 17(9):1092-1099.
6. Skroch, W. A., S. L. Warren, and A. A. De Hertogh. 1988. Phytotoxicity of herbicides to spring flowering bulbs. J. Environ. Hort. 6(4):109-113.
7. Warren, S. L., W. A. Skroch, T. J. Monaco, and J. M. Shribbs. 1989. Tolerance of five perennial cool season grasses to fluazifop. Weed Tech. 3:385-388.
8. **Malek, A. A., F. A. Blazich, S. L. Warren, and J. E. Shelton. 1989. Influence of light and temperature on seed germination of flame azalea. J. Environ. Hort. 7(3):109-111.**
9. **Malek, A. A., F. A. Blazich, S. L. Warren, and J. E. Shelton. 1989. Influence of light and temperature on seed germination of mountain laurel. J. Environ. Hort. 7(4):161-162.**
10. Warren, S. L., C. R. Campbell, and W. A. Skroch. 1990. Nutrient concentrations and their seasonal patterns in Fraser fir and Norway spruce grown in seven vegetation management programs. J. Amer. Soc. Hort. Sci. 115(1):62-67.

11. Warren, S. L. 1990. Growth response of 13 container-grown nursery crops to uniconazole. *J. Environ. Hort.* 8(3):151-153.
12. Warren, S. L., K. B. Perry, and R. E. Bir. 1990. Overwintering container-grown nursery crops: Plant, air, and medium thermal response to porous row covers. *J. Environ. Hort.* 8(4):49-55.
13. Blazich, F. A., S. L. Warren, J. R. Acedo, and W. R. Reece. 1991. Seed germination of *Rhododendron catawbiense* and *Rhododendron maximum*: Influence of light and temperature. *J. Environ. Hort.* 9(1):5-8.
14. Blazich, F. A., S. L. Warren, J. R. Acedo, and R. O. Whitehead. 1991. Seed germination of *Leucothoe fontanesiana* as influenced by light and temperature. *J. Environ. Hort.* 9(2):72-75.
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